Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090604.D
Acq On : 24 Aug 2015 17:00
Operator : UM/IZ
Sample : IDOC-W-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : IDOC-W-01

Quant Time: Aug 24 22:59:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	15461	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	72626	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	42242	5.00	ng		0.00
18) Phenanthrene-d10	16.93	188	104522	5.00	ng		-0.02
25) Chrysene-d12	21.09	240	122512	5.00	ng		0.00
32) Perylene-d12	23.39	264	103840	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	30201	6.76	ng		0.00
5) Phenol-d6	6.77	99	43725	6.65	ng		0.00
7) Nitrobenzene-d5	8.72	82	22872	3.95	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	15061	9.26	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	48895	3.88	ng		0.00
27) Terphenyl-d14	19.55	244	85639	3.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	8002	4.57	ng		96
3) n-Nitrosodimethylamine	3.48	42	10090	3.78	ng	#	83
8) Nitrobenzene	8.76	77	22414	3.74	ng		96
9) Naphthalene	10.38	128	58653	3.55	ng		98
10) Hexachlorobutadiene	10.67	225	8785	3.63	ng		99
11) 2-Methylnaphthalene	12.00	142	40256	3.75	ng		98
15) Acenaphthylene	13.91	152	279294	3.62	ng		100
16) Acenaphthene	14.25	154	41853	3.61	ng	#	83
17) Fluorene	15.24	166	57156	4.02	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	15215	3.56	ng	#	73
20) Hexachlorobenzene	16.25	284	70159	3.71	ng		98
21) Pentachlorophenol	16.60	266	15124	6.57	ng		91
22) Phenanthrene	16.98	178	101923	3.72	ng		100
23) Anthracene	17.07	178	99594	3.94	ng		100
24) Fluoranthene	18.98	202	121466	4.16	ng		99
26) Pyrene	19.34	202	131204	3.74	ng		99
28) Benzo(a)anthracene	21.08	228	122817	3.81	ng		98
29) Chrysene	21.13	228	122712	3.73	ng		98
30) Bis(2-ethylhexyl)phthalate	21.02	149	59323	3.14	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	109204	3.52	ng	#	92
33) Benzo(b)fluoranthene	22.69	252	104947	4.27	ng		98
34) Benzo(k)fluoranthene	22.74	252	115856	4.16	ng		99
35) Benzo(a)pyrene	23.29	252	101755	4.42	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	86434	3.89	ng		98
37) Benzo(g,h,i)perylene	26.51	276	96899	3.99	ng		96

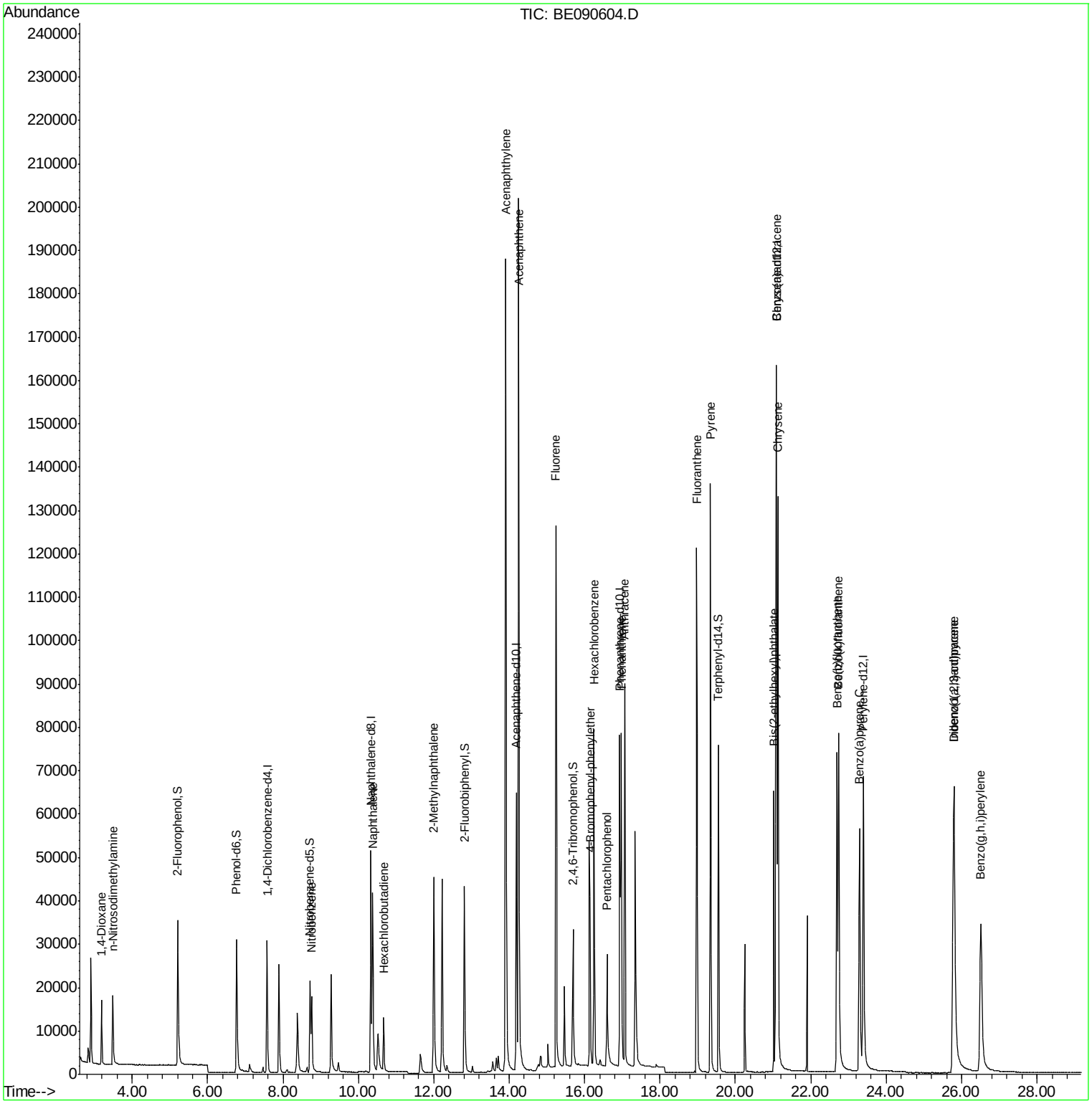
(#) = qualifier out of range (m) = manual integration (+) = signals summed

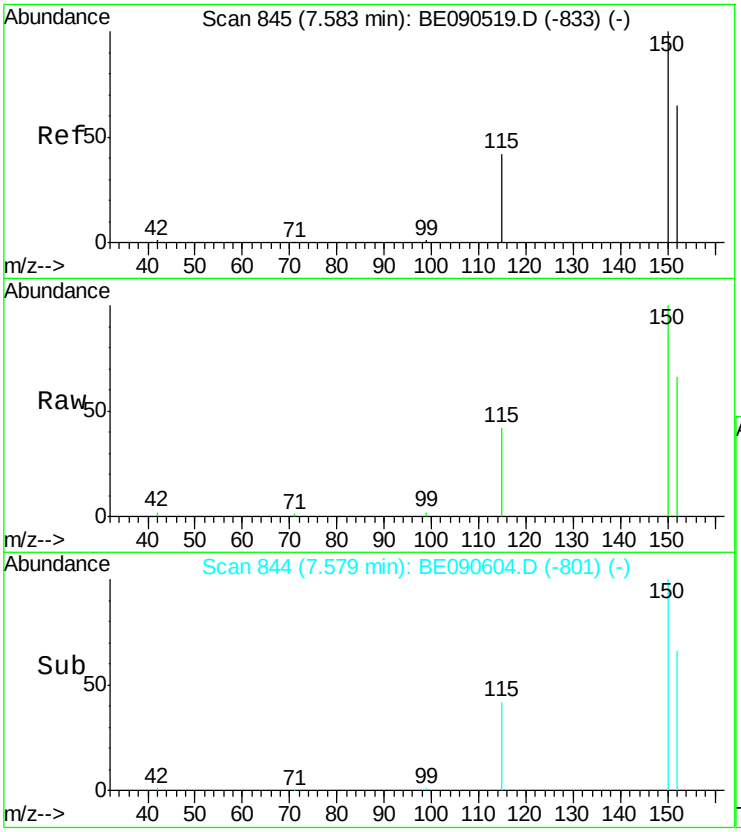
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090604.D
Acq On : 24 Aug 2015 17:00
Operator : UM/IZ
Sample : IDOC-W-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Quant Time: Aug 24 22:59:22 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



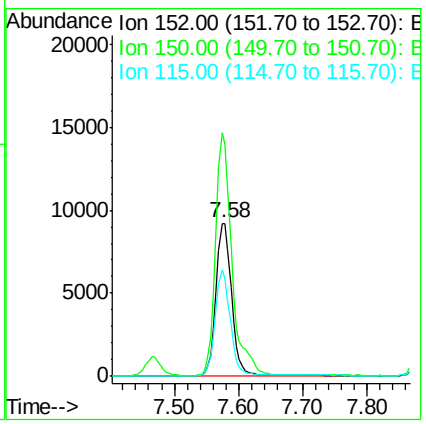


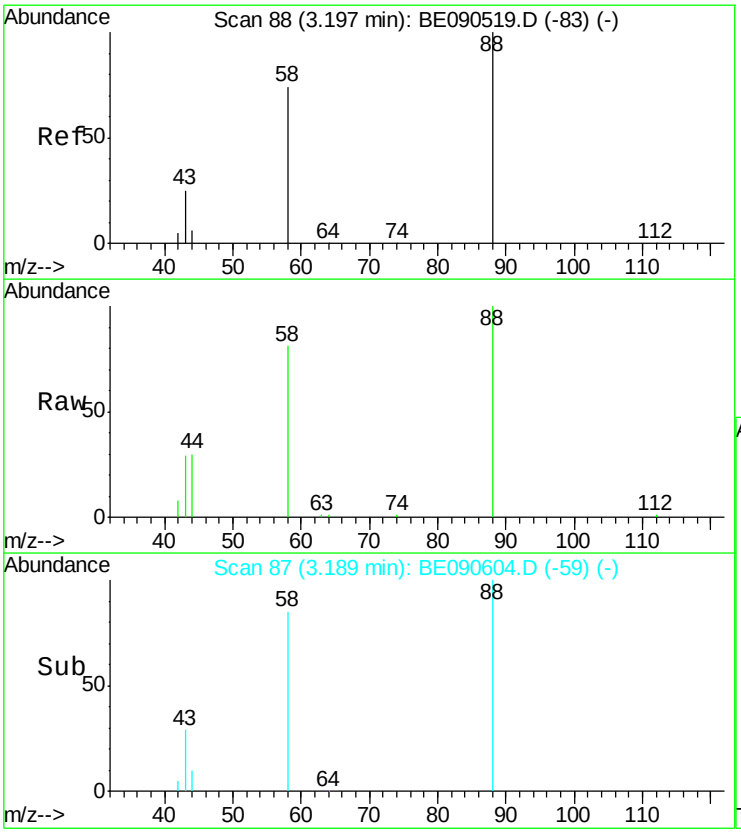
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:152 Resp: 15461

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.0	184.4
115	64.1	48.9	73.3

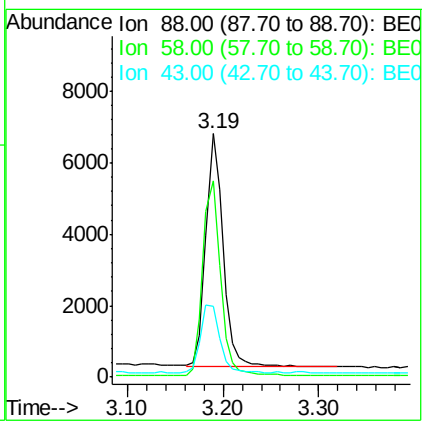


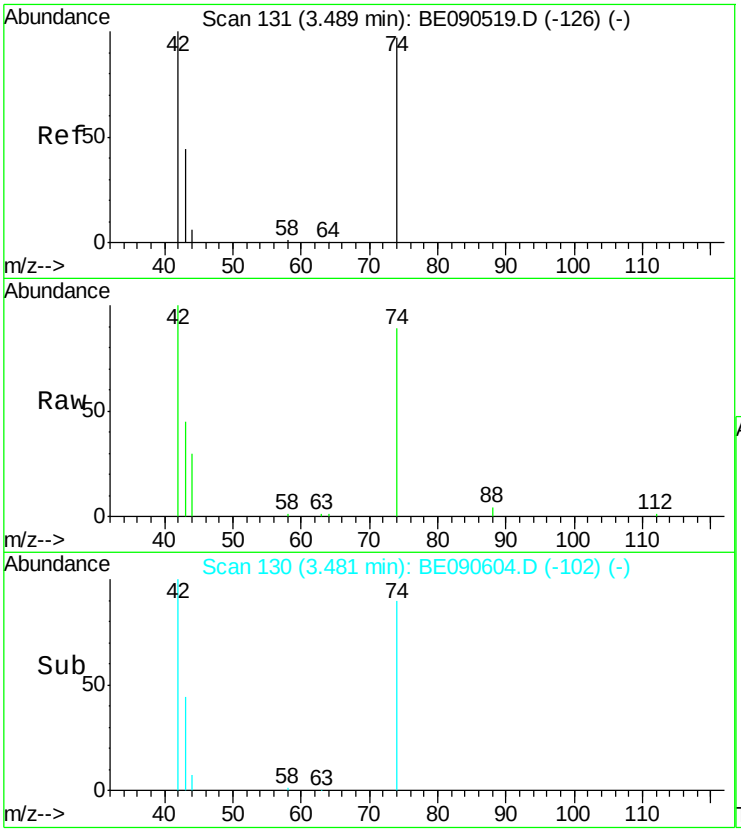


#2
1,4-Dioxane
Concen: 4.57 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion: 88 Resp: 8002

Ion	Ratio	Lower	Upper
88	100		
58	85.1	70.0	105.0
43	31.2	28.4	42.6



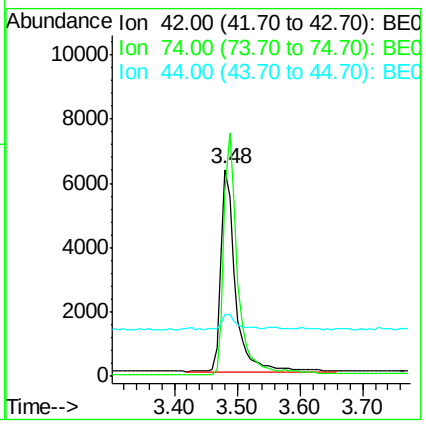


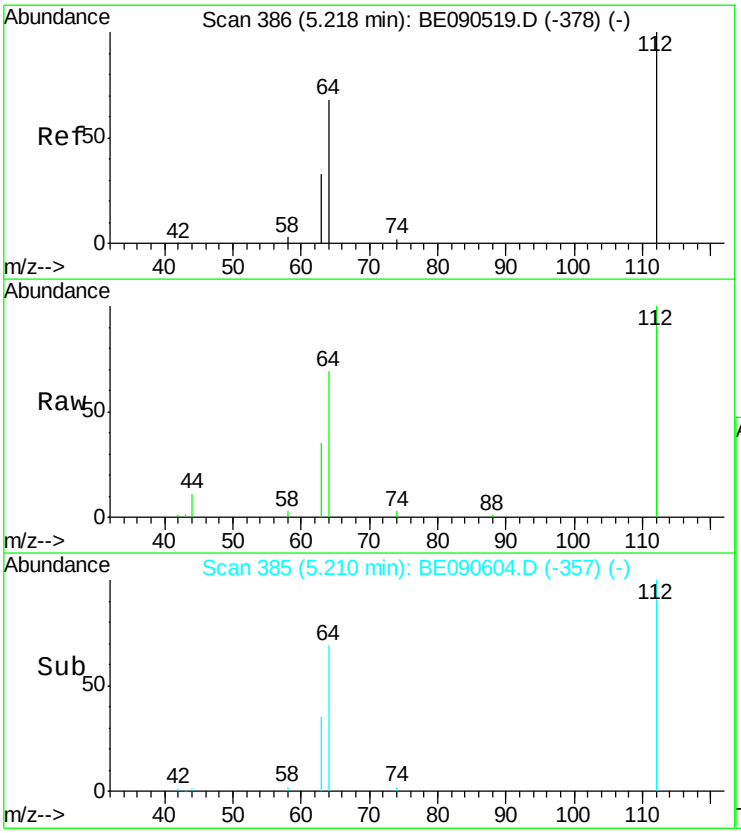
#3
n-Nitrosodimethylamine
Concen: 3.78 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion: 42 Resp: 10090

Ion	Ratio	Lower	Upper
42	100		
74	111.9	75.2	112.8
44	8.3	8.7	13.1#

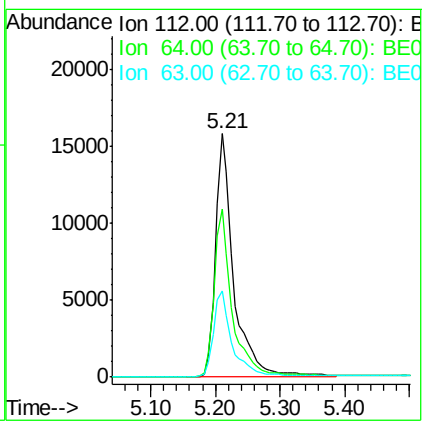


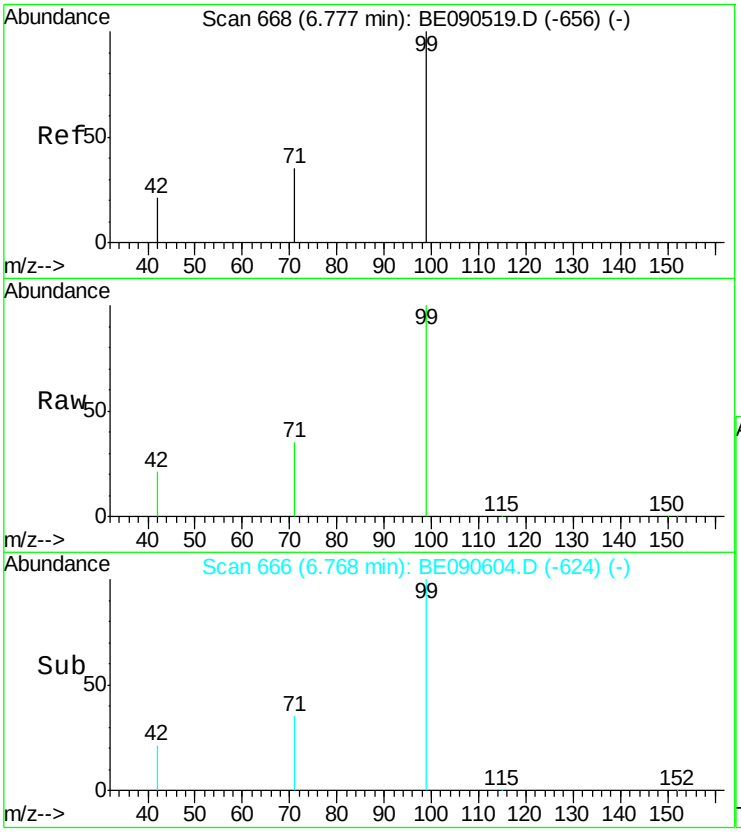


#4
2-Fluorophenol
Concen: 6.76 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:112 Resp: 30201

Ion	Ratio	Lower	Upper
112	100		
64	69.6	37.1	55.7#
63	36.0	19.5	29.3#



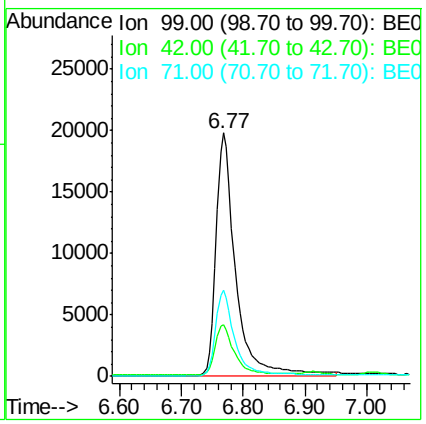


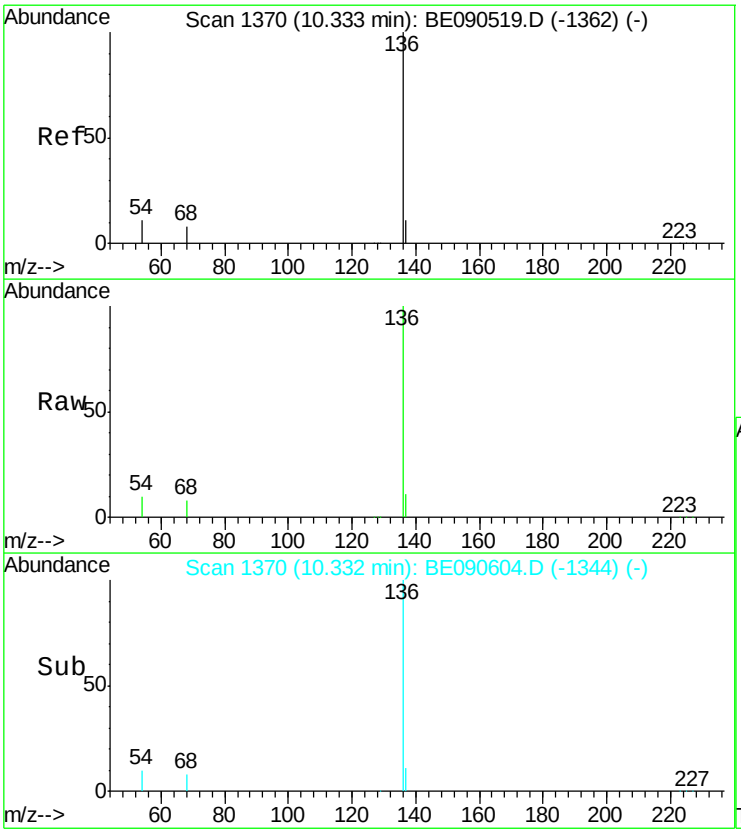
#5
Phenol-d6
Concen: 6.65 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion: 99 Resp: 43725

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.4
71	34.7	27.4	41.0

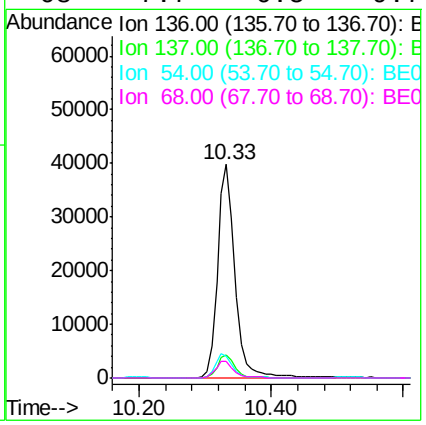


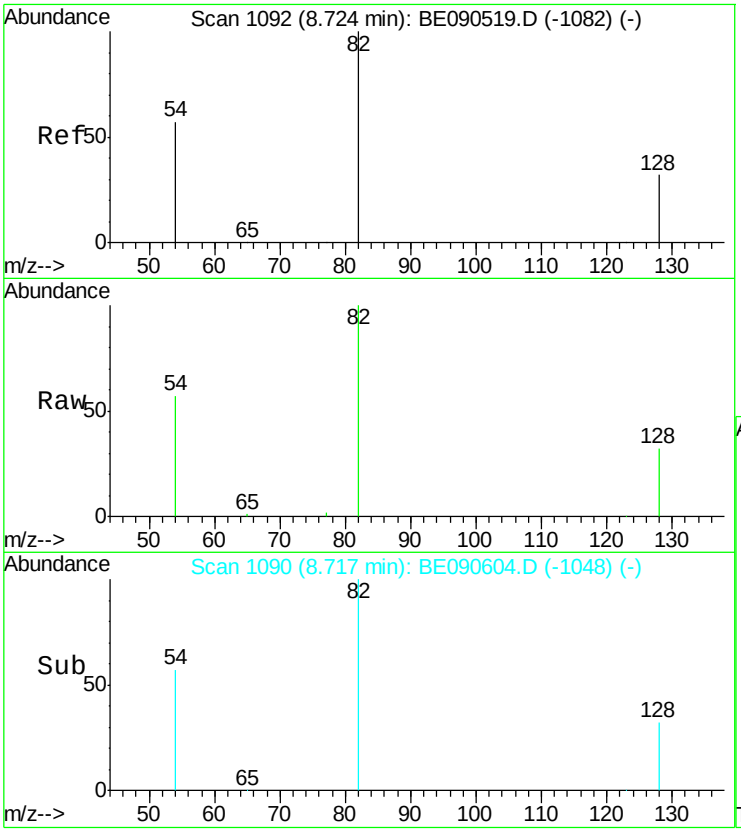


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:136 Resp: 72626

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.4	9.4	14.0
68	7.7	6.5	9.7



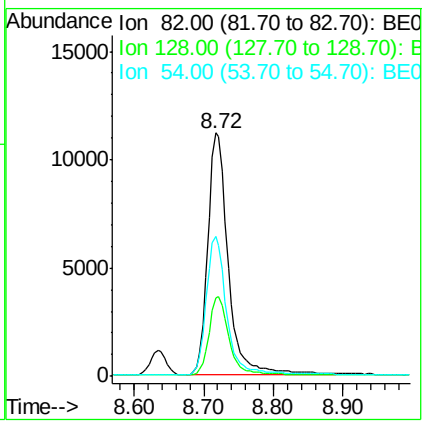


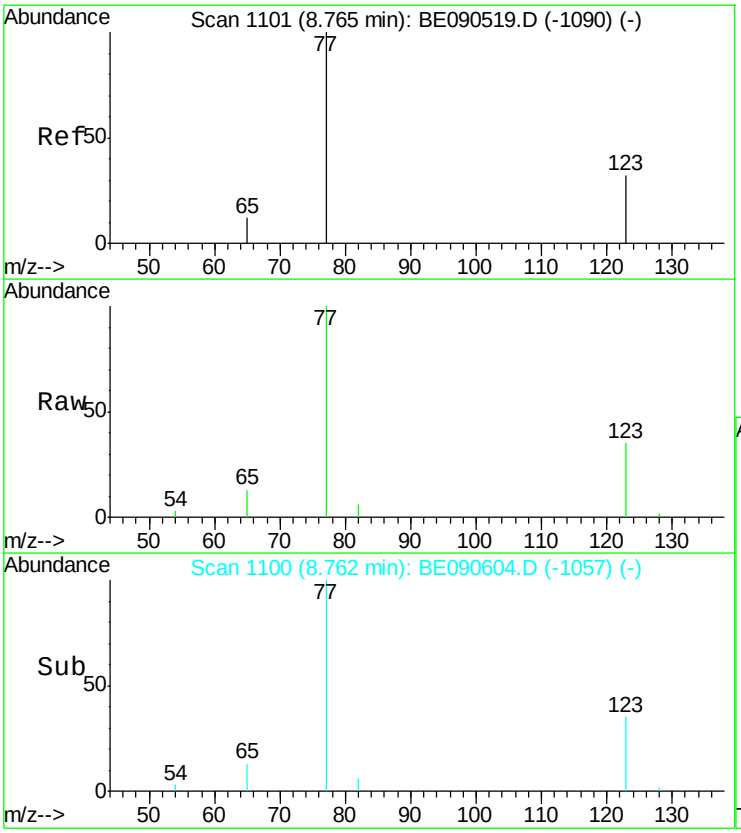
#7
Nitrobenzene-d5
Concen: 3.95 ng
RT: 8.72 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion: 82 Resp: 22872

Ion	Ratio	Lower	Upper
82	100		
128	32.2	25.0	37.6
54	57.4	48.8	73.2

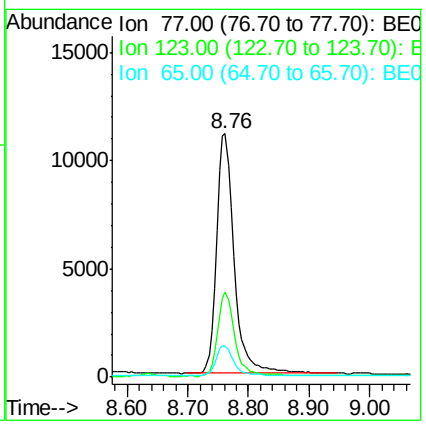


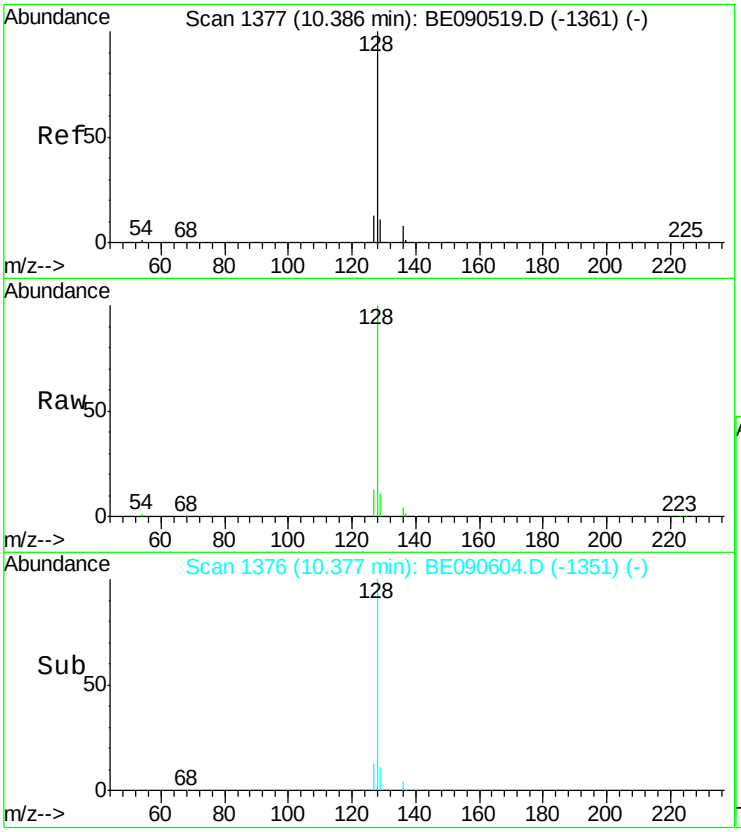


#8
Nitrobenzene
Concen: 3.74 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion: 77 Resp: 22414

Ion	Ratio	Lower	Upper
77	100		
123	34.0	25.1	37.7
65	12.9	9.3	13.9



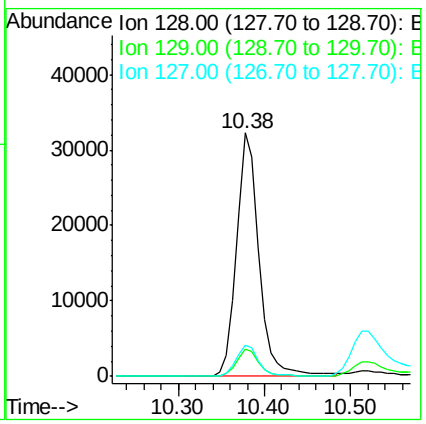


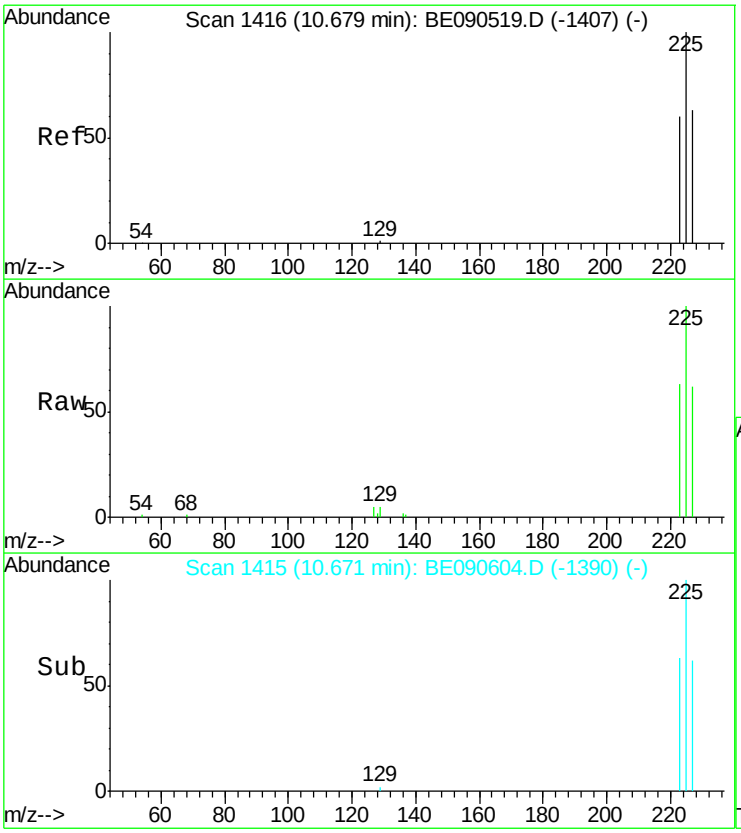
#9
Naphthalene
Concen: 3.55 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:128 Resp: 58653

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.0	10.6	16.0

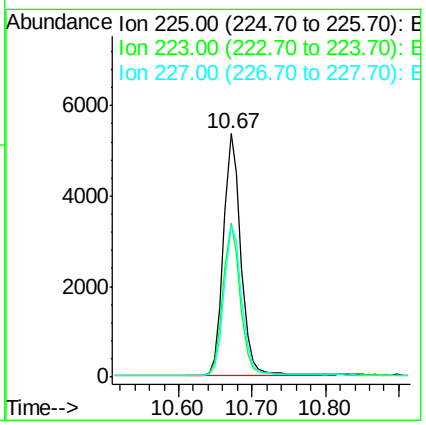


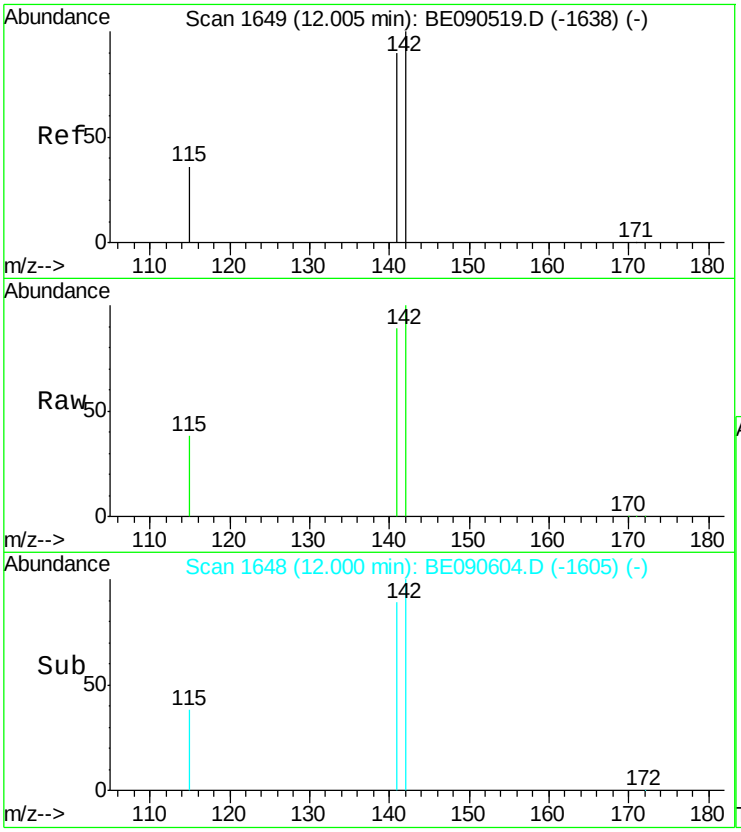


#10
Hexachlorobutadiene
Concen: 3.63 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:225 Resp: 8785

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	75.8
227	63.2	50.7	76.1



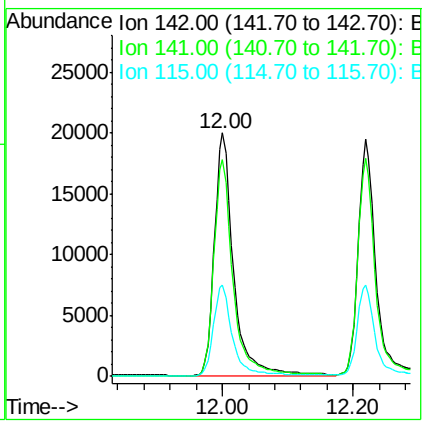


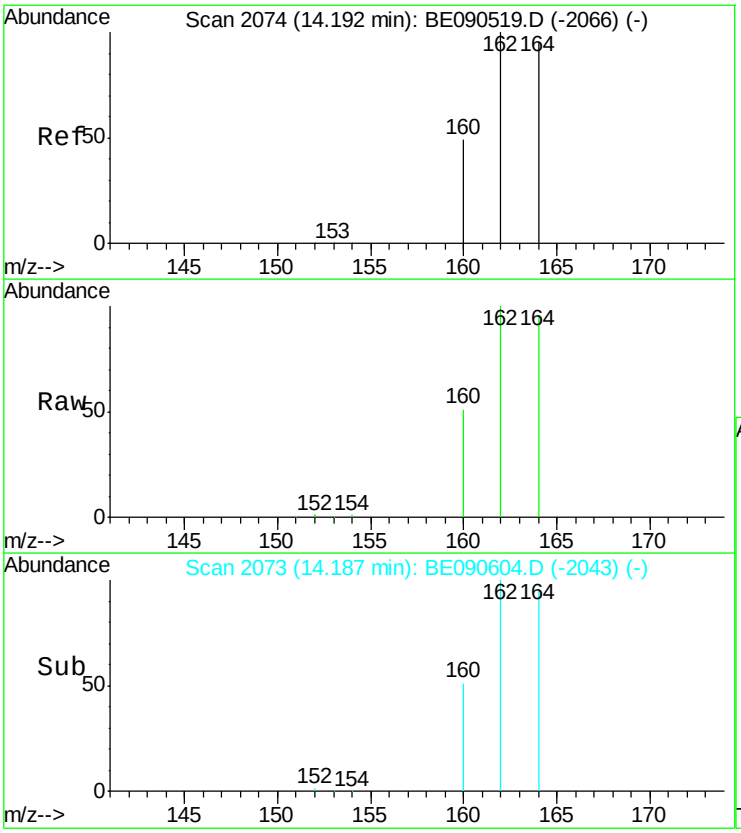
#11
2-Methylnaphthalene
Concen: 3.75 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:142 Resp: 40256

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	109.0
115	37.7	31.6	47.4

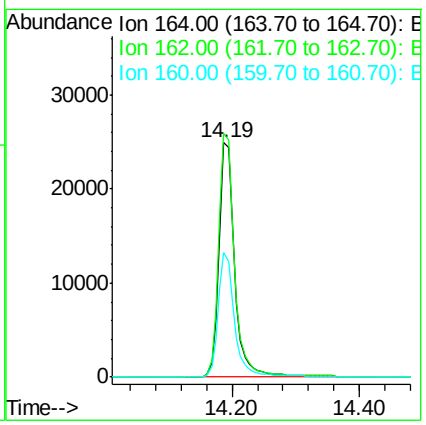


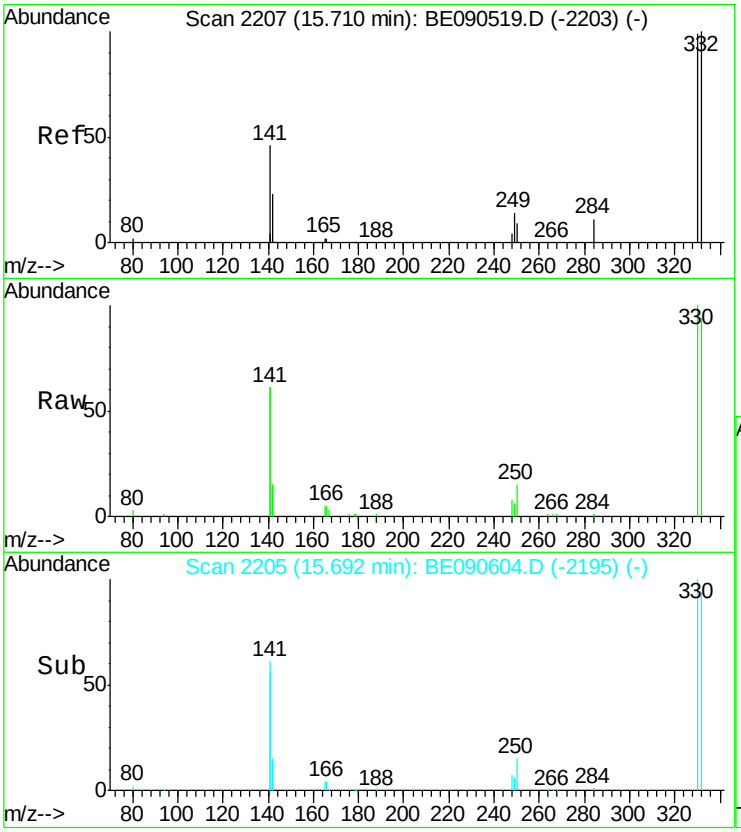


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:164 Resp: 42242

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.8
160	53.0	44.2	66.4



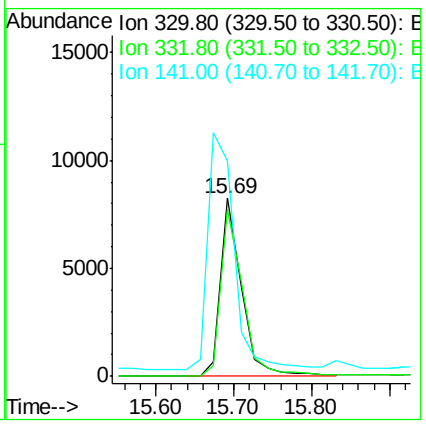


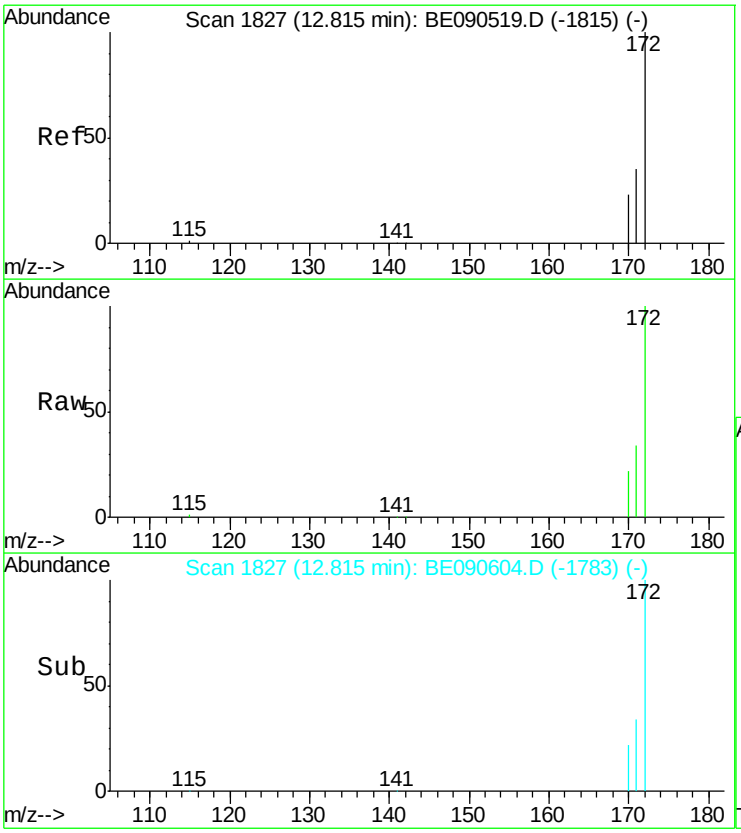
#13
2,4,6-Tribromophenol
Concen: 9.26 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:330 Resp: 15061

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.8	113.6
141	167.8	114.4	171.6

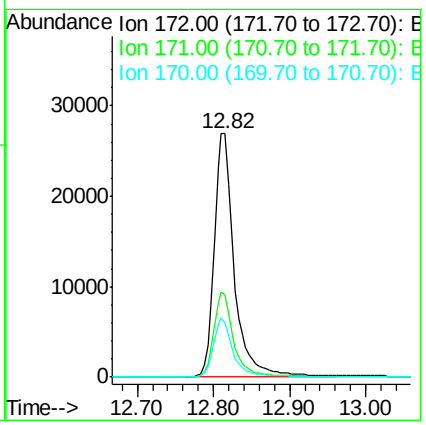


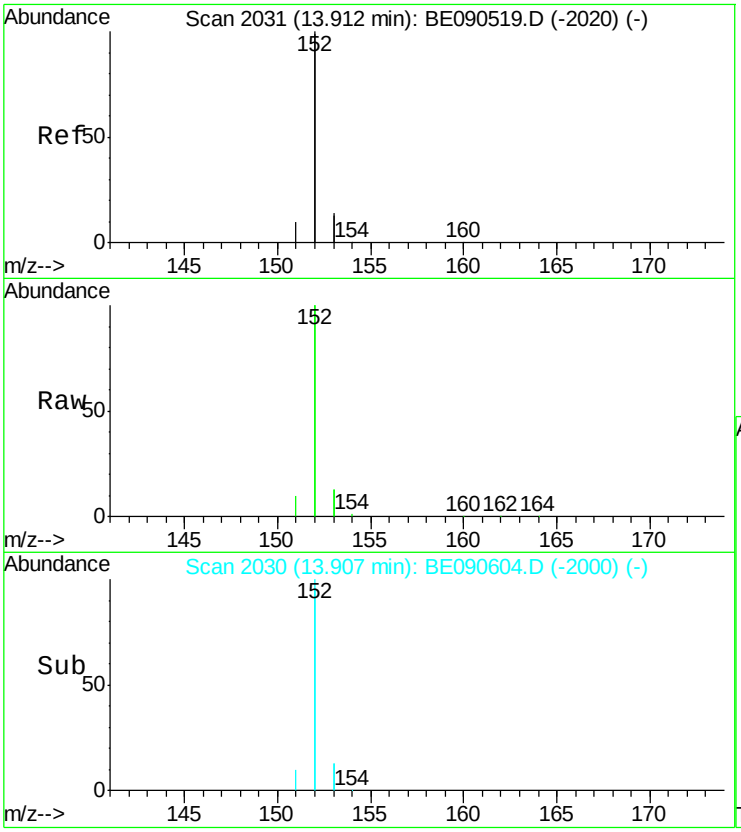


#14
2-Fluorobiphenyl
Concen: 3.88 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:172 Resp: 48895

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.2	19.8	29.8



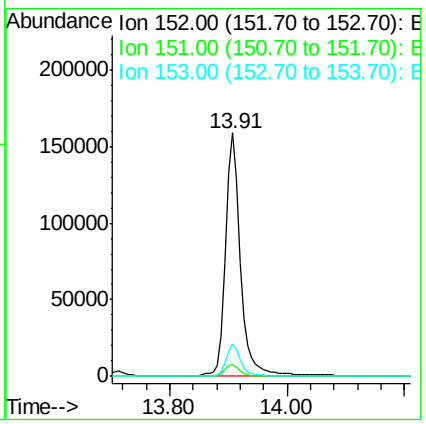


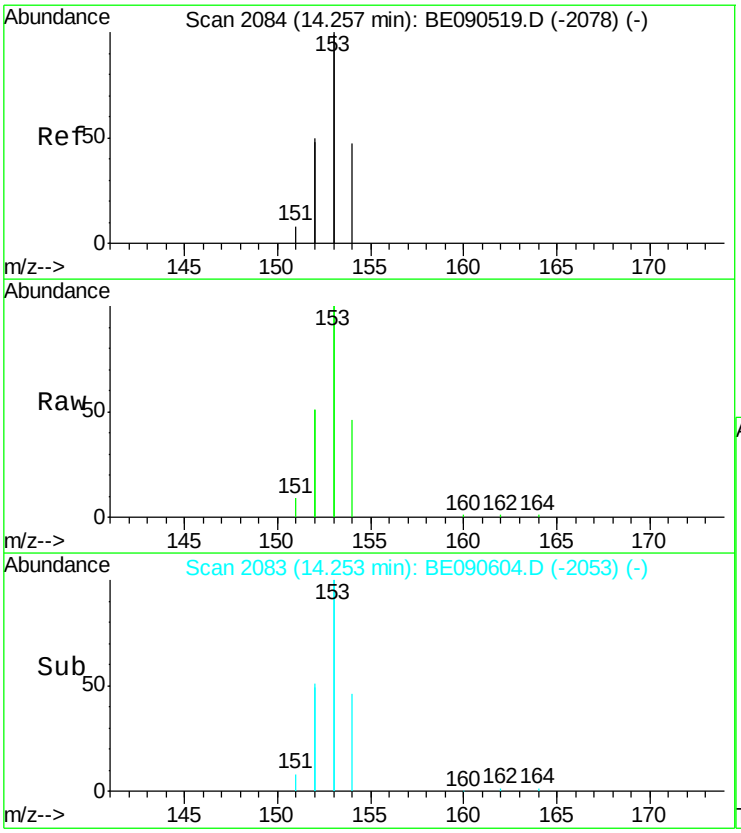
#15
Acenaphthylene
Concen: 3.62 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:152 Resp: 279294

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

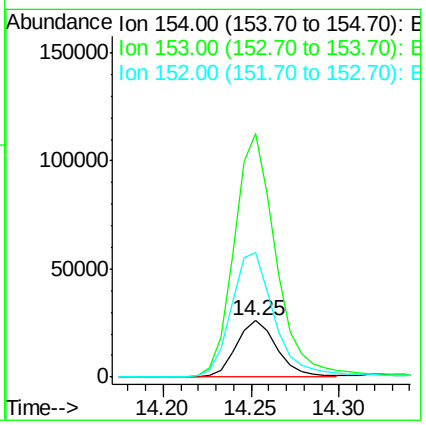


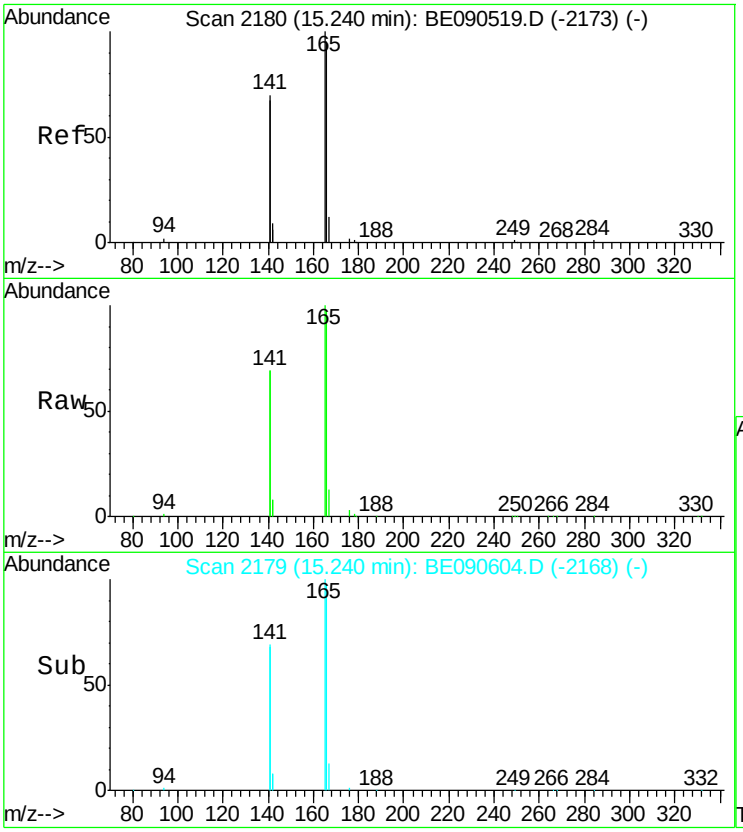


#16
Acenaphthene
Concen: 3.61 ng
RT: 14.25 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:154 Resp: 41853

Ion	Ratio	Lower	Upper
154	100		
153	448.6	376.2	564.2
152	233.8	235.0	352.4#



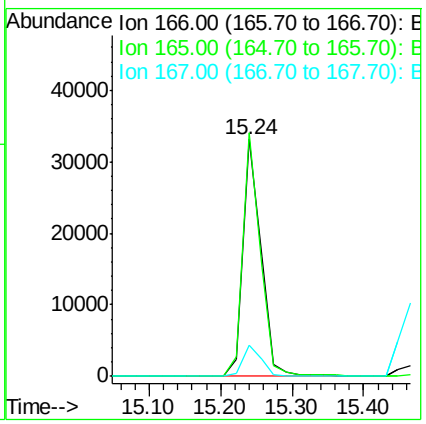


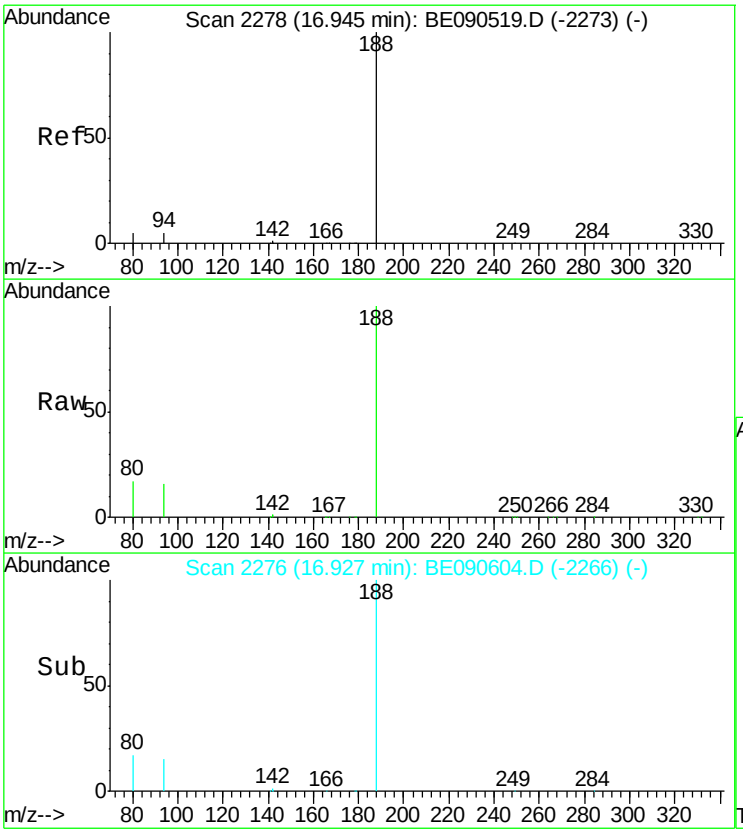
#17
Fluorene
Concen: 4.02 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:166 Resp: 57156

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.5	122.3
167	13.5	11.4	17.0

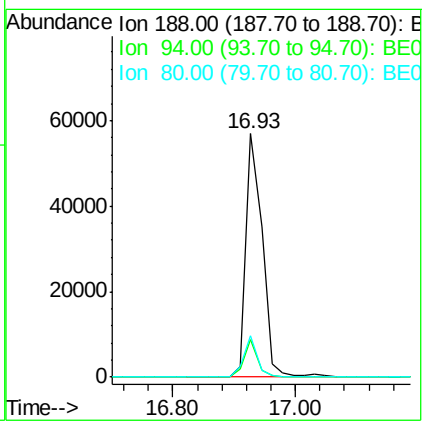


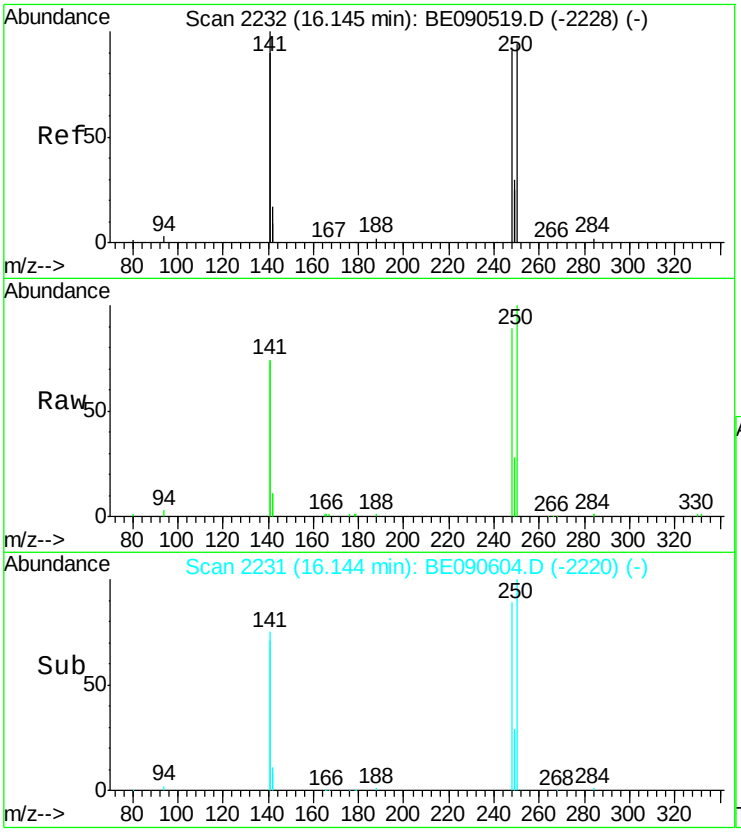


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:188 Resp: 104522

Ion	Ratio	Lower	Upper
188	100		
94	15.6	5.7	8.5#
80	17.2	5.8	8.8#



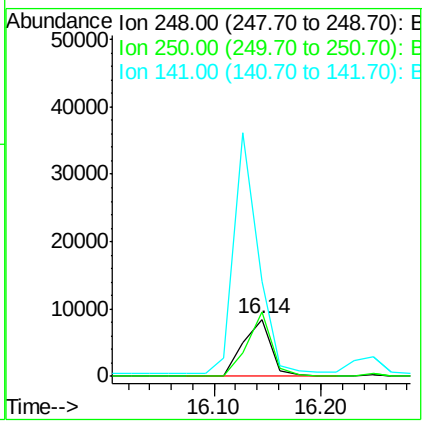


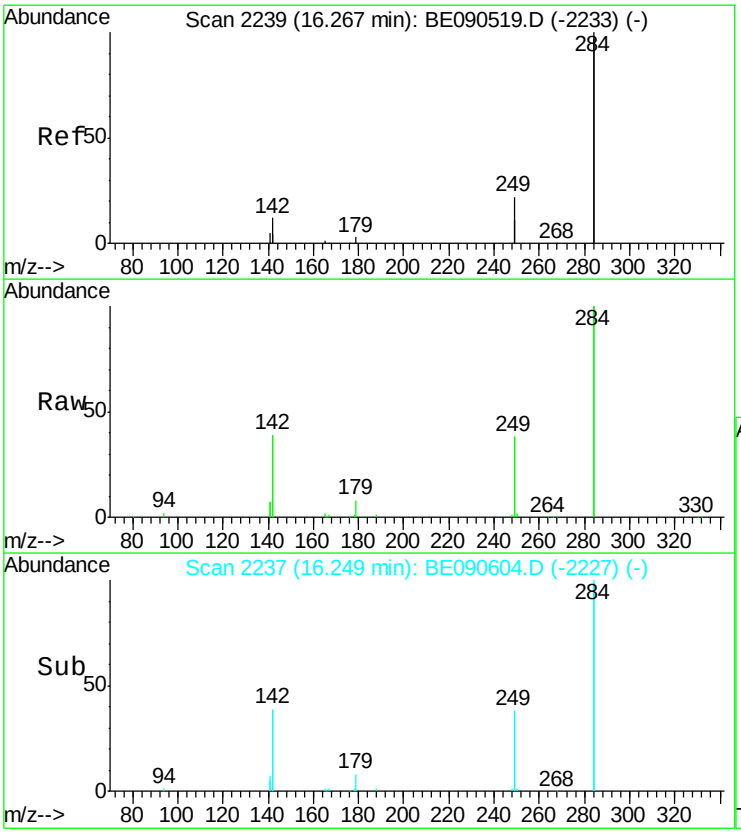
#19
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:248 Resp: 15215

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.0	118.6
141	369.5	239.5	359.3#

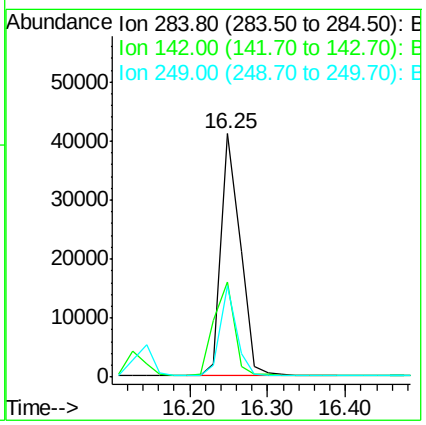


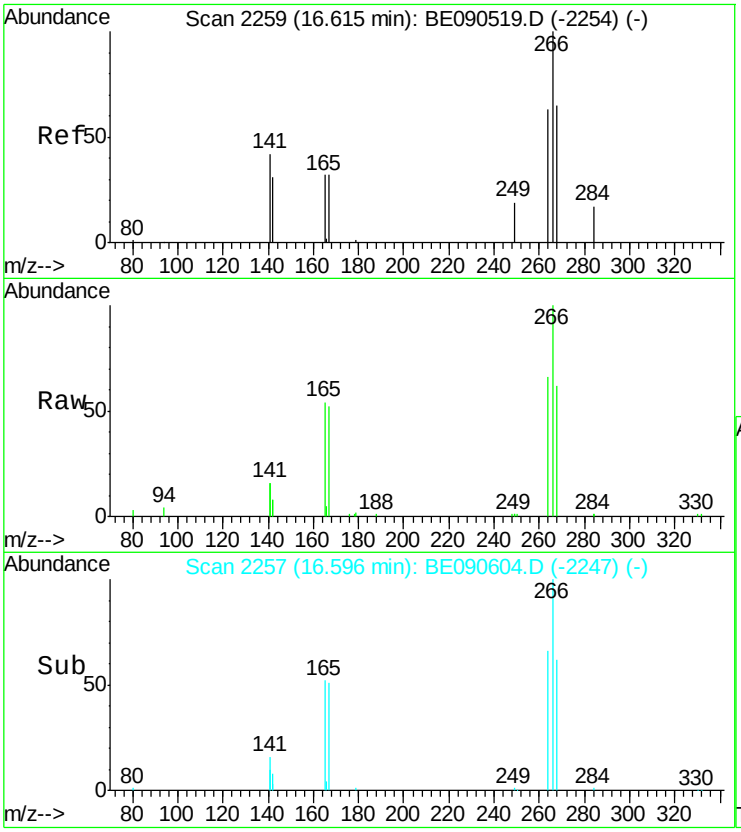


#20
Hexachlorobenzene
Concen: 3.71 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:284 Resp: 70159

Ion	Ratio	Lower	Upper
284	100		
142	40.3	30.1	45.1
249	32.2	25.7	38.5



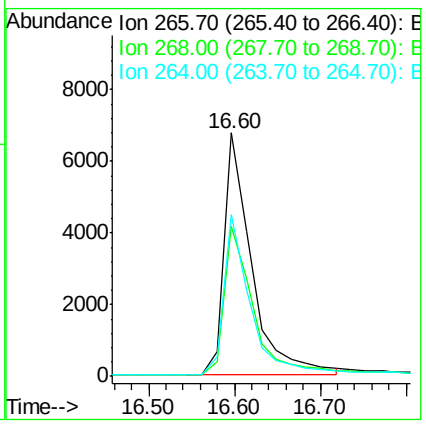


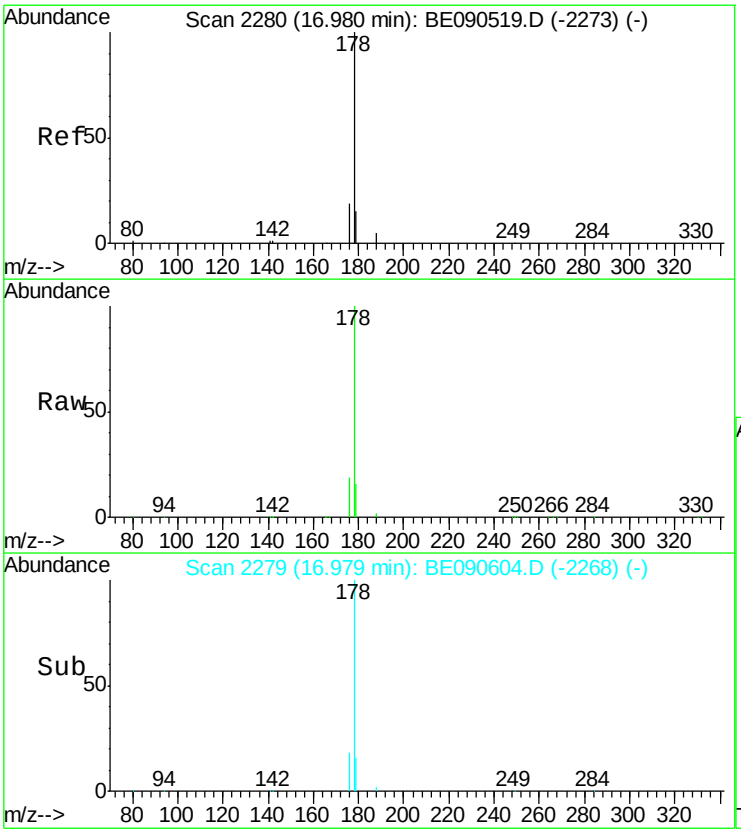
#21
Pentachlorophenol
Concen: 6.57 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:266 Resp: 15124

Ion	Ratio	Lower	Upper
266	100		
268	61.9	58.5	87.7
264	66.2	56.0	84.0

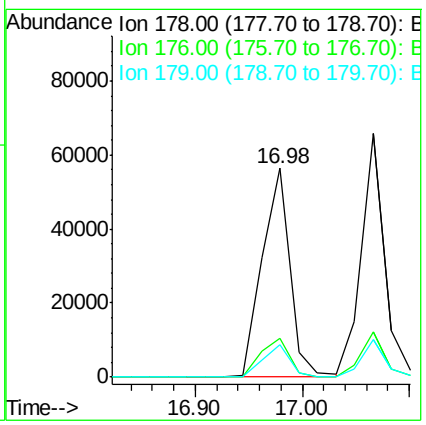


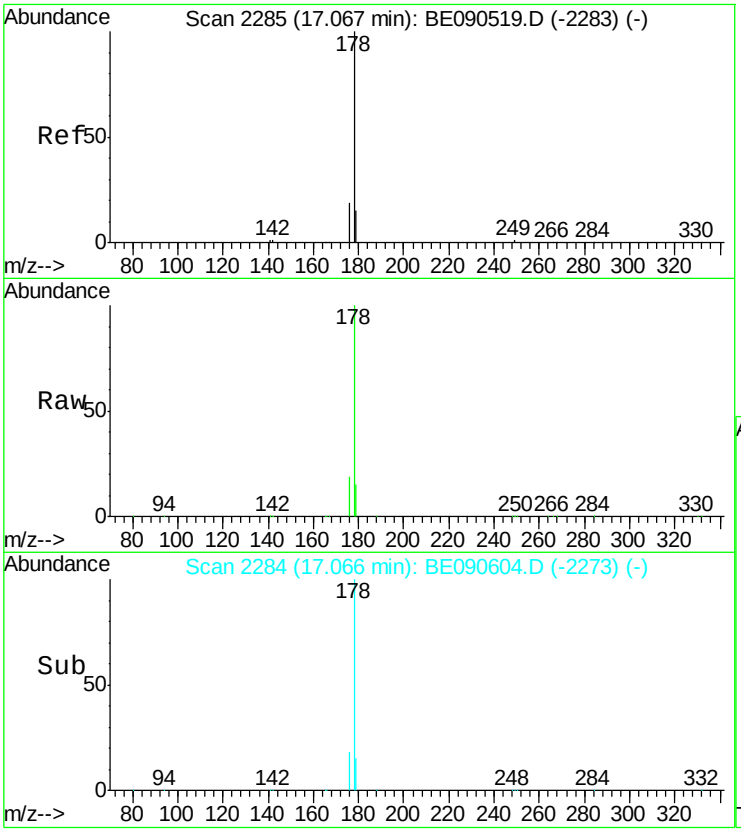


#22
Phenanthrene
Concen: 3.72 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:178 Resp: 101923

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.5	18.7



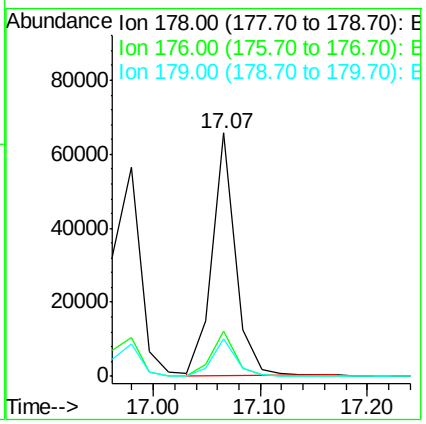


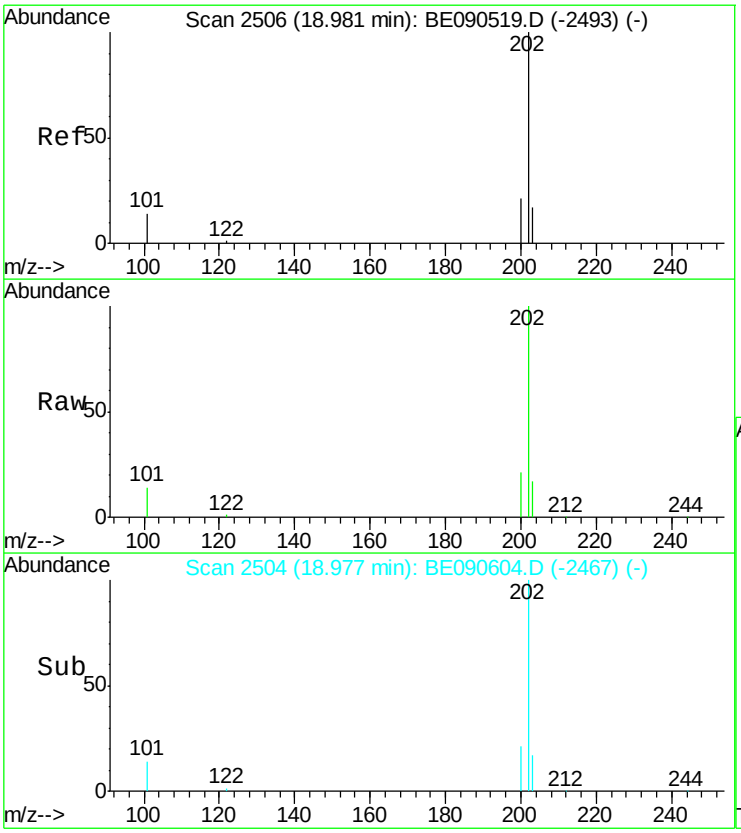
#23
Anthracene
Concen: 3.94 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:178 Resp: 99594

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	12.2	18.4

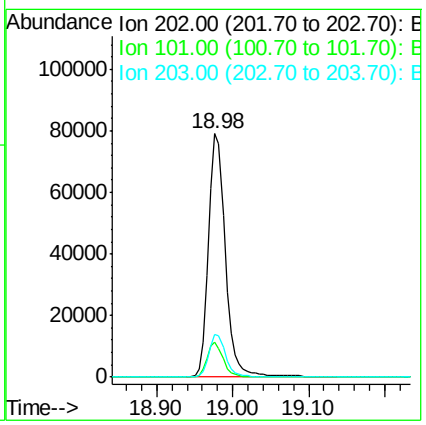


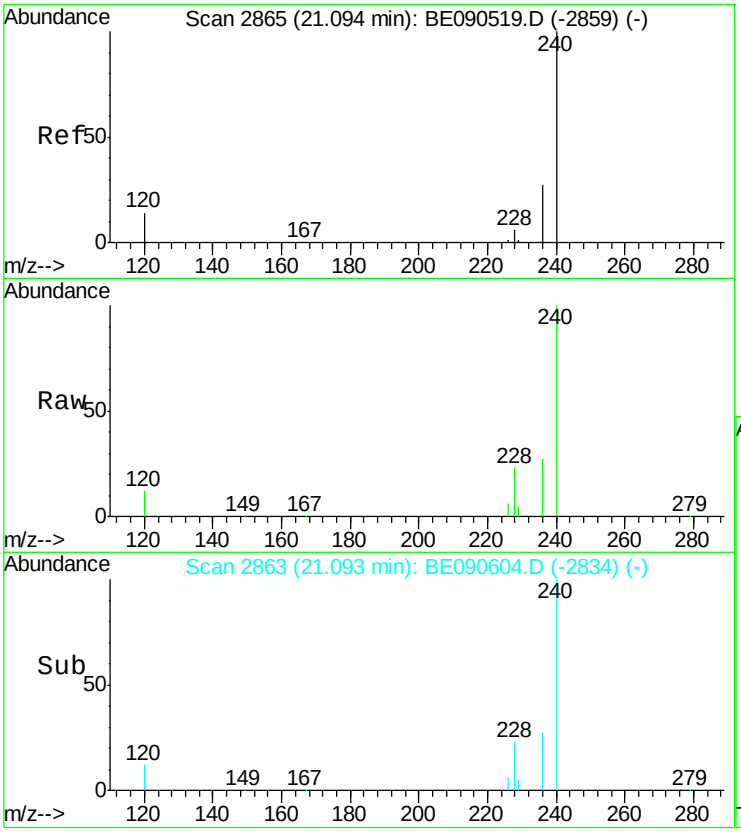


#24
Fluoranthene
Concen: 4.16 ng
RT: 18.98 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:202 Resp: 121466

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	17.2	13.7	20.5



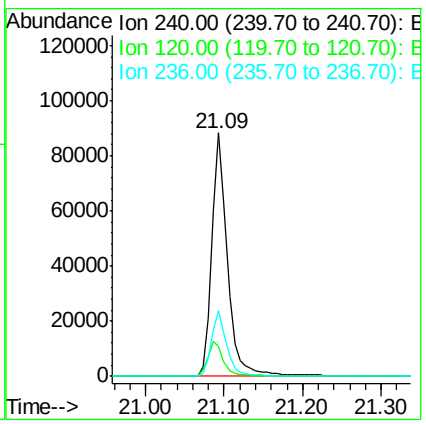


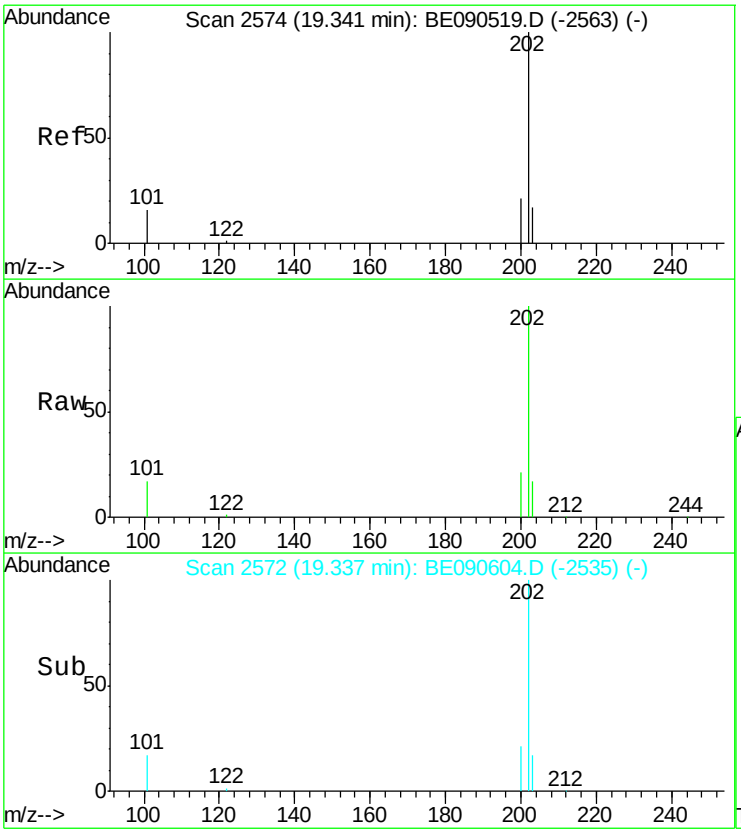
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:240 Resp: 122512

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.8	21.0	31.4

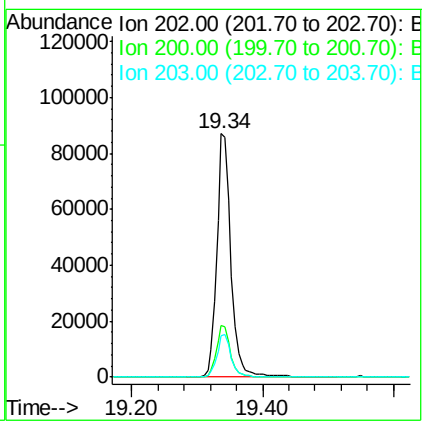


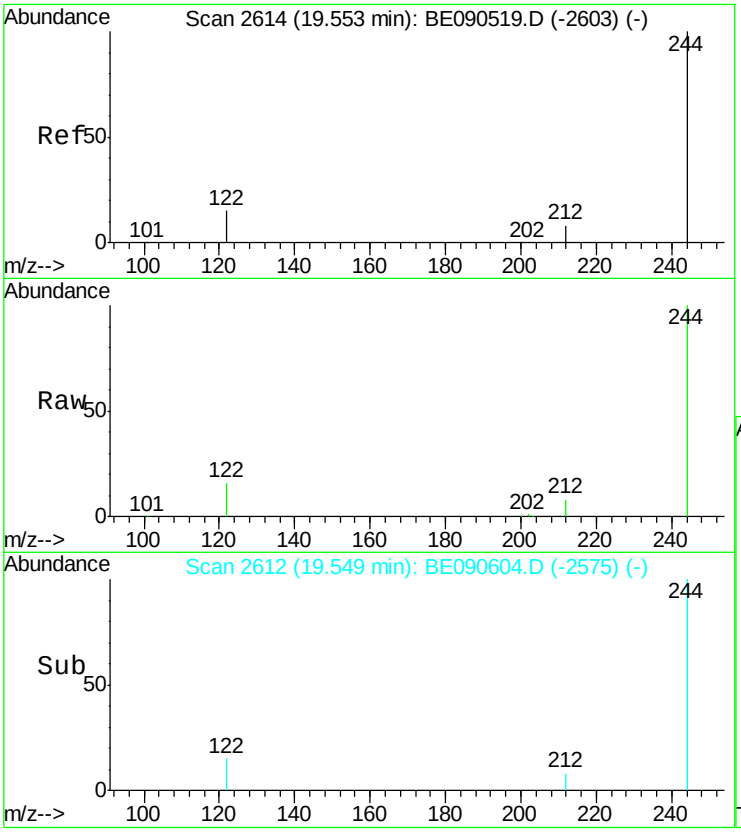


#26
Pyrene
Concen: 3.74 ng
RT: 19.34 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:202 Resp: 131204

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.9	13.8	20.8



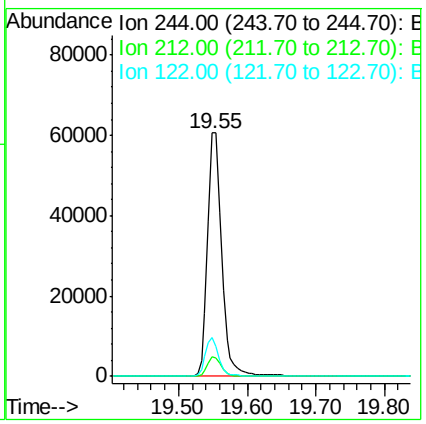


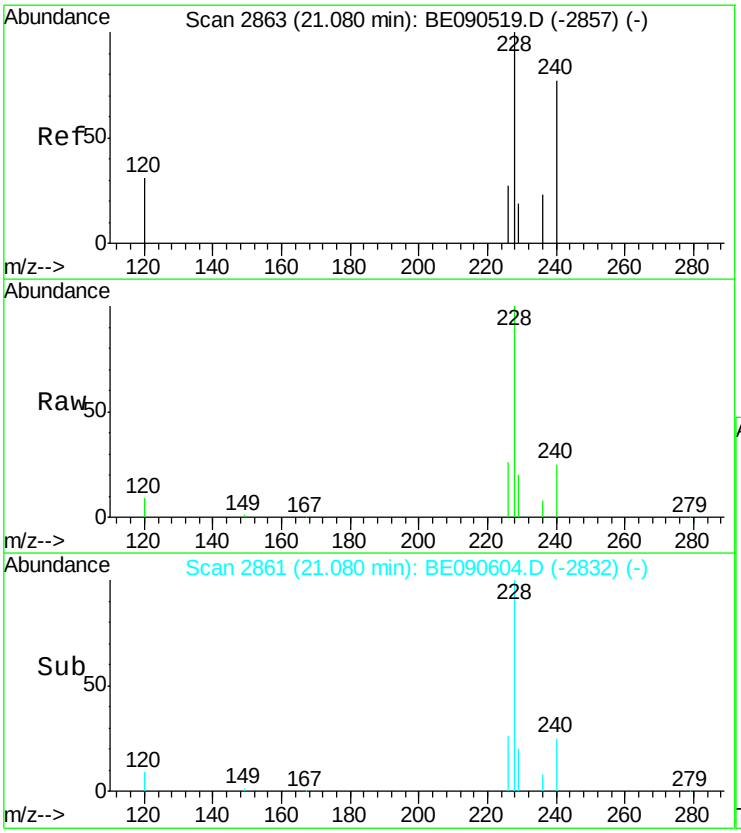
#27
Terphenyl-d14
Concen: 3.82 ng
RT: 19.55 min Scan# 2612
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:244 Resp: 85639

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	15.7	10.2	15.4#

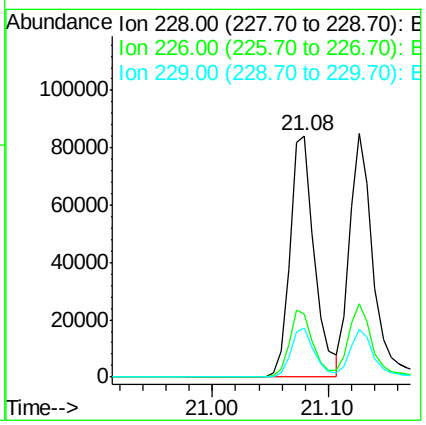


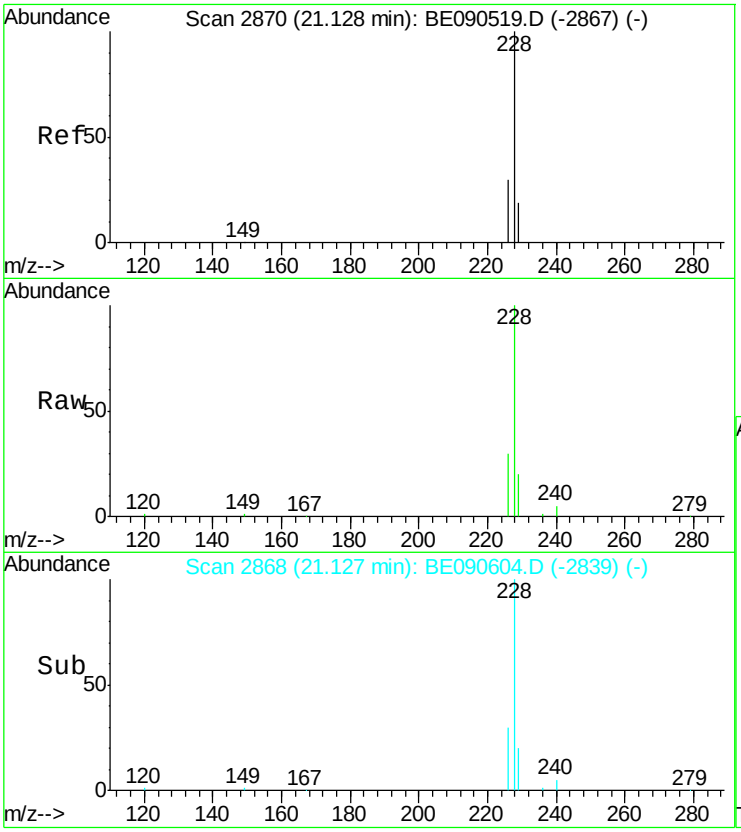


#28
Benzo(a)anthracene
Concen: 3.81 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:228 Resp: 122817

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.9	32.9
229	20.2	15.4	23.0



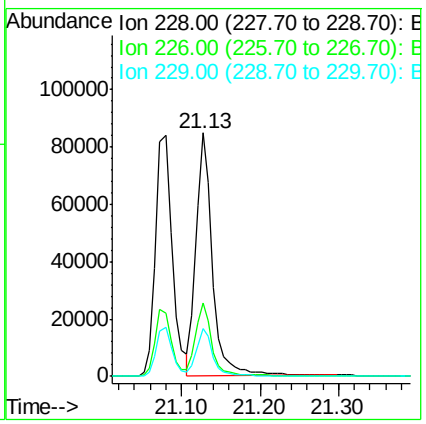


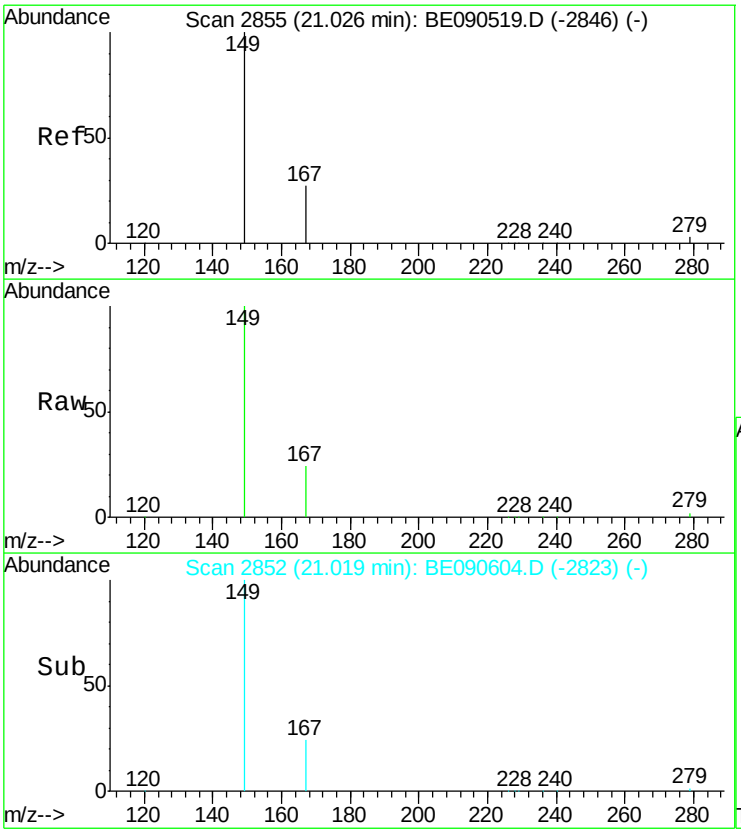
#29
Chrysene
Concen: 3.73 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:228 Resp: 122712

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.1	34.7
229	19.5	15.8	23.8

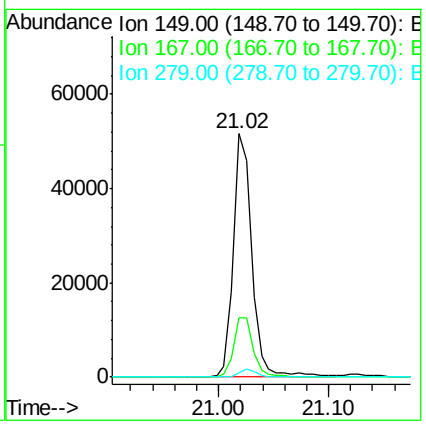


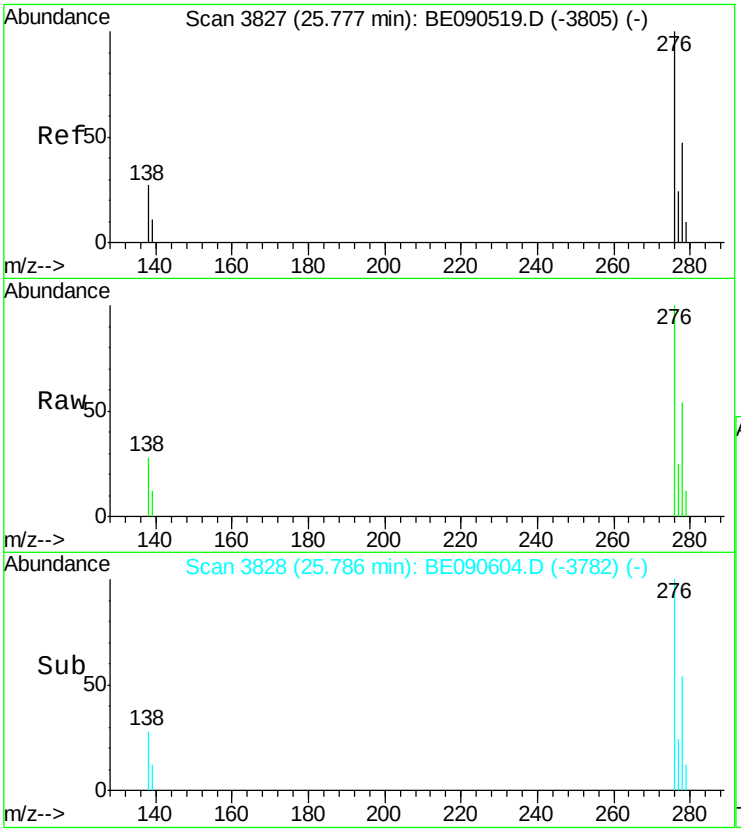


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.14 ng
RT: 21.02 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:149 Resp: 59323

Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.8	29.8
279	3.0	2.4	3.6



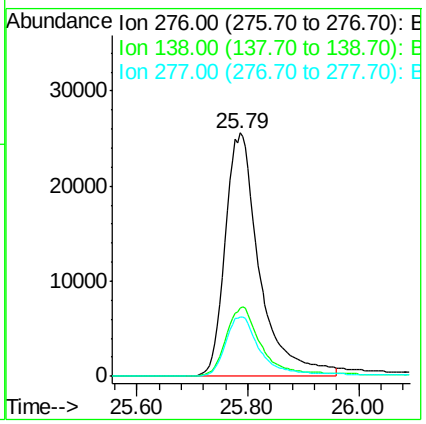


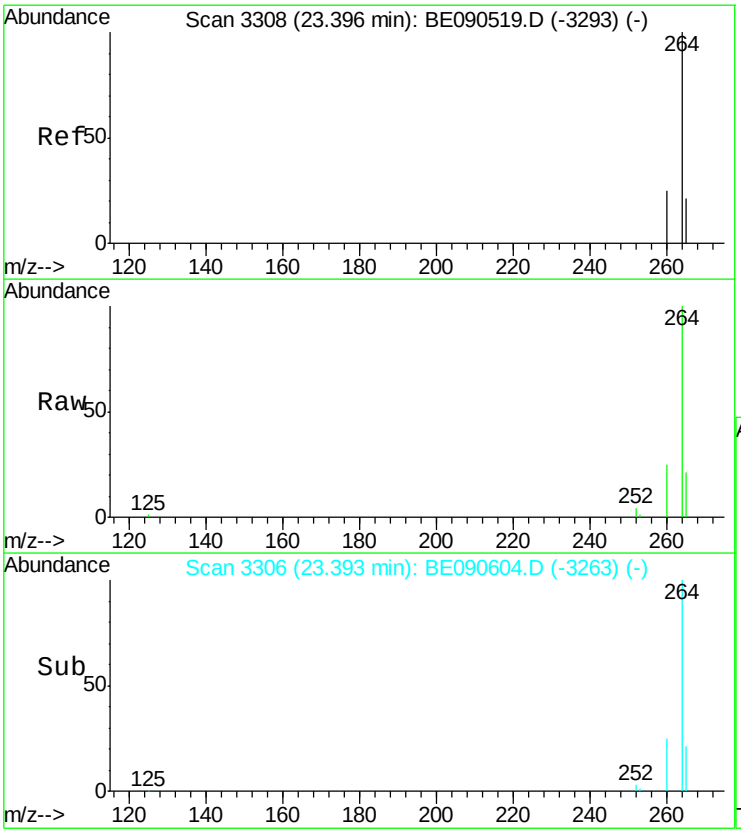
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng
RT: 25.79 min Scan# 3828
Delta R.T. 0.01 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:276 Resp: 109204

Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.8	28.2#
277	24.8	18.2	27.4

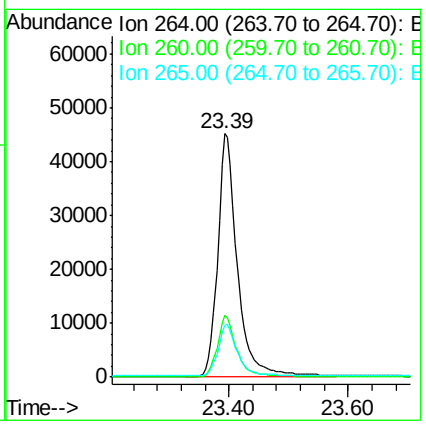


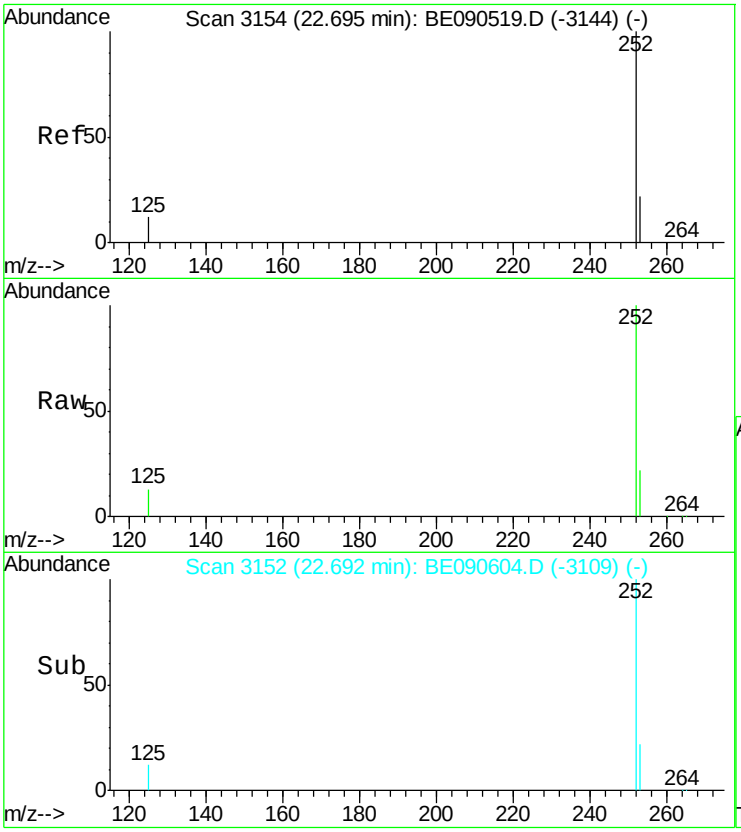


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:264 Resp: 103840

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.4	17.2	25.8



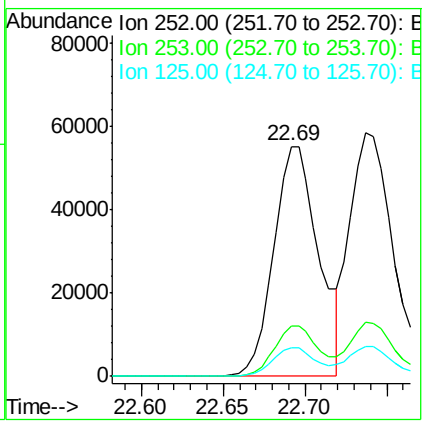


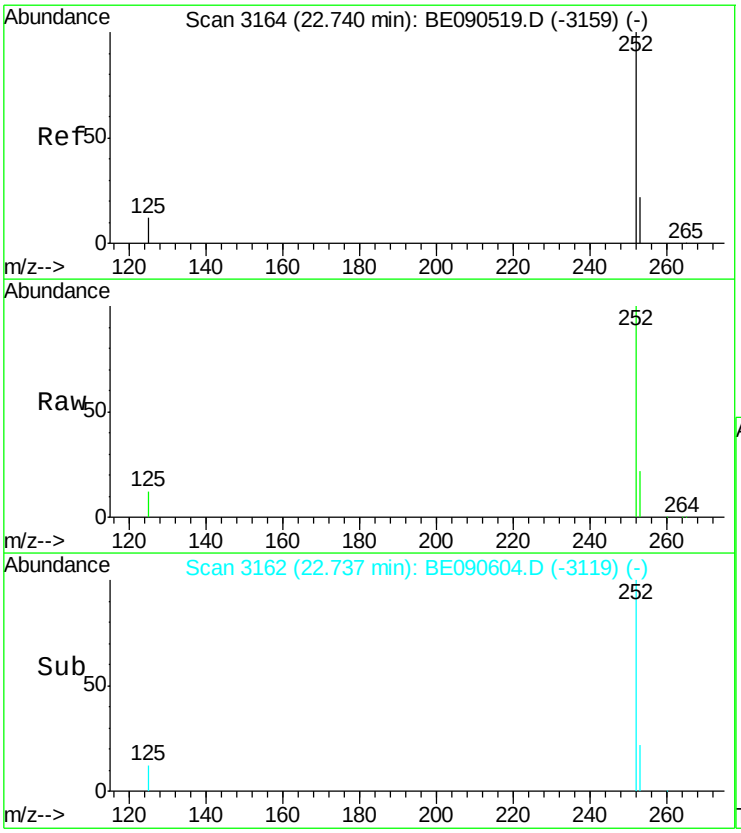
#33
Benzo(b)fluoranthene
Concen: 4.27 ng
RT: 22.69 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:252 Resp: 104947

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.5	9.4	14.2

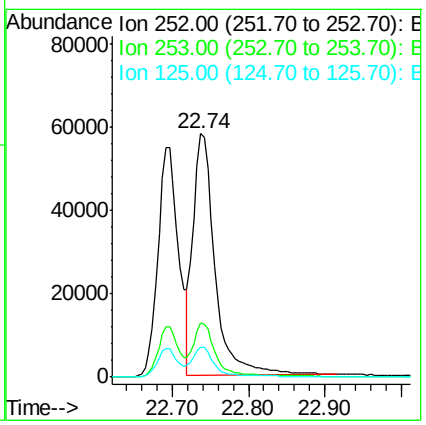


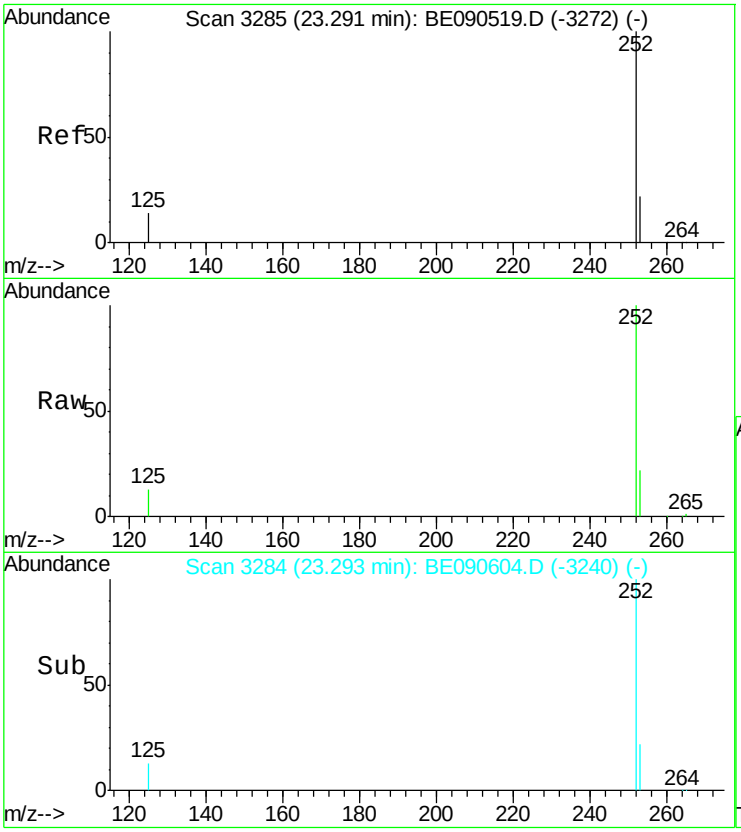


#34
Benzo(k)fluoranthene
Concen: 4.16 ng
RT: 22.74 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:252 Resp: 115856

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.2	9.1	13.7



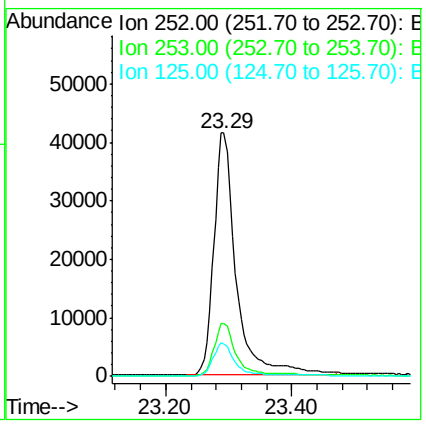


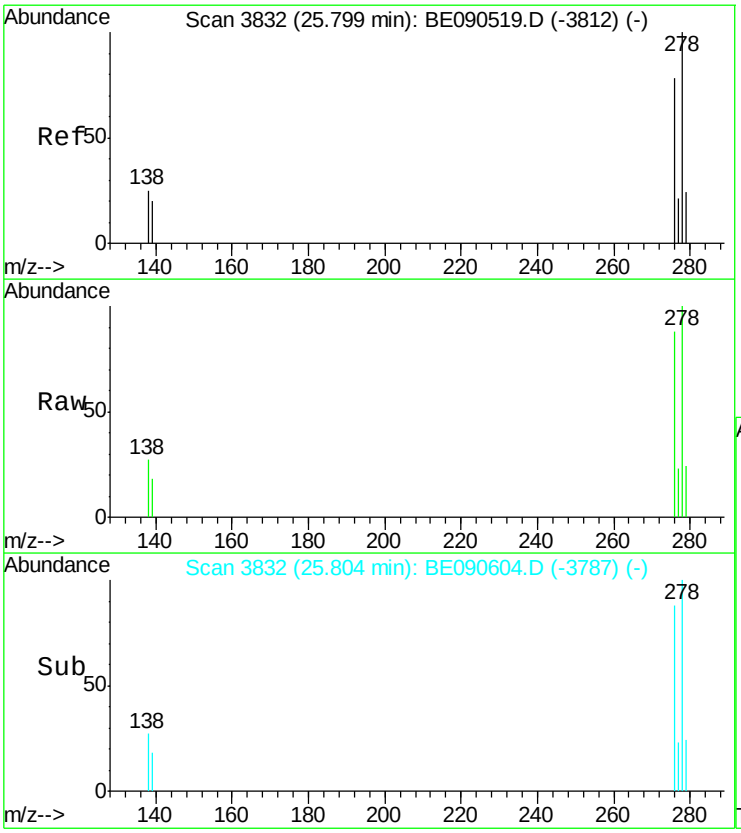
#35
Benzo(a)pyrene
Concen: 4.42 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:252 Resp: 101755

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	13.3	9.8	14.6

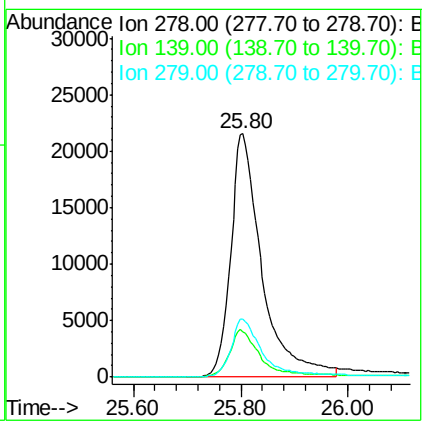


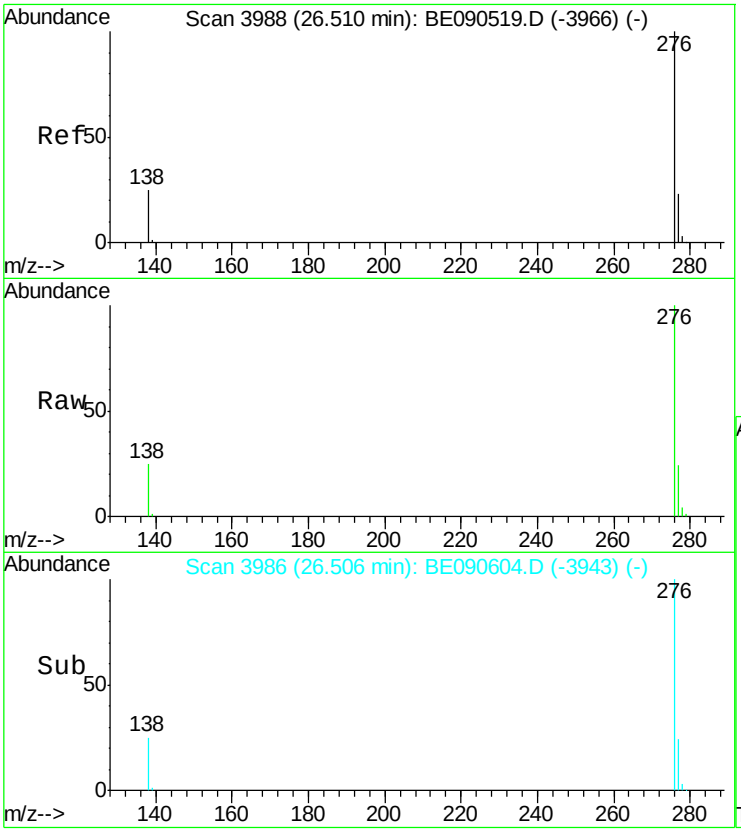


#36
Dibenzo(a,h)anthracene
Concen: 3.89 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Tgt Ion:278 Resp: 86434

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.4
279	23.8	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 3.99 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.00 min
Lab File: BE090604.D
Acq: 24 Aug 2015 17:00

Instrument :
BNA_E
ClientSampleId :
IDOC-W-01

Tgt Ion:276 Resp: 96899

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.1	30.1
138	25.2	18.1	27.1